

prevention of disease. In addition, the proteins can be used in methods for the diagnosis of *C. pneumoniae* infection.

IN THE CLAIMS:

Please cancel claims 1-10 and add new claims 11-22, as follows.

- 1 11. (New) An isolated *Chlamydia pneumoniae* protein comprising the
2 amino acid sequence set forth in SEQ ID NO: 1074.
- 1 12. (New) A composition comprising the isolated protein of claim 11,
2 and a carrier.
- 1 13. (New) The composition of claim 12, wherein the carrier is an
2 aqueous carrier.
- 1 14. (New) The composition of claim 12, further comprising an
2 adjuvant.
- 1 15. (New) The isolated *Chlamydia pneumoniae* protein of claim 11,
2 which is bound to a solid surface.
- 1 16. (New) The isolated *Chlamydia pneumoniae* protein of claim 15,
2 wherein the solid surface is nitrocellulose.
- 1 17. (New) An isolated *Chlamydia pneumoniae* protein comprising an
2 amino acid sequence
3 (i) at least about 80% identical to the sequence set forth in SEQ ID NO:
4 1047; or
5 (ii) encoded by a nucleic acid that hybridizes to a sequence consisting of
6 residues 1200537 to 1201343 of SEQ ID NO: 1, under hybridization conditions that
7 include a wash at 65°C in 0.2x SSC and 0.1% SDS.
- 1 18. (New) A composition comprising the isolated protein of claim 17,
2 and a carrier.
- 1 19. (New) The composition of claim 18, wherein the carrier is an
2 aqueous carrier.